

OAD1343-XY-T70S-9

Dual Axis AO Deflector

Off-Axis

ISOME

0421

The OAD1343-XY offers high throughput efficiency over a wide scan angle in the NIR wavelength range. This dual axis deflector consists of two AO crystals mounted orthogonally in one assembly, each with independent angle adjustment. There is no requirement for input or intervening optics between the crystals.

SPECIFICATIONS

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Optimum operating range:7Interaction Material:TAcoustic Velocity:6Center Frequency (f_c):6RF Bandwidth:4Diffraction Bandwidth (to -0.5dB points):>Scan Angle/Axis (780nm, 30MHz):2Separation Angle (780nm, 75MHz):5Input Polarization (Required):LOutput polarization:LActive Aperture:9Max RF Power:2Input impedance:5Access Time (9mm beam):1Resolution (9mm beam)4(Non-resolvable spots limited by RF dEfficiency across scan8	0% (typ'), >60% per axis
Throughput efficiency >	35% total
Relative Diffraction Response vs Frequency (per axis) 0.9 0.9 </th	
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICEISOMET CORP, 10342 Battleview Parkway, Manassas, VA 20109, USA.Tel: (703) 321 8301Fax: (703) 321 8546E-mail: ISOMET@ ISOMET.COMWeb Page: WWW.ISOMET.COM	Quality Assured. In-house: Crystal Growth, Optical Polishing, A/R coating, Vacuum Bonding

